

Message

From: Ann Maest [Ann Maest <AMaest@stratusconsulting.com>]
Sent: 8/28/2012 12:05:36 AM
To: Palmer Hough/DC/USEPA/US@EPA;Robert R Seal [rseal@usgs.gov]; obert R Seal [rseal@usgs.gov]
CC: Jeff Frithsen/DC/USEPA/US@EPA;Kate Schofield/DC/USEPA/US@EPA;Glenn Suter/CI/USEPA/US@EPA; ate Schofield/DC/USEPA/US@EPA;Glenn Suter/CI/USEPA/US@EPA; lenn Suter/CI/USEPA/US@EPA
Subject: RE: Supporting Information from Appendix H
Attachments: www.epa.gov/wetlands

Hi Bob –

As Palmer noted, we are working on an integrated groundwater-surface water-climate model (using MIKE SHE), and one of the things we're trying to simulate is the potential effects of the transport of leachate from the waste rock piles (under the 25-yr mine scenario) to nearby streams under a failure scenario. I am specifically looking for the inputs you used to calculate the mean and standard deviation values for Table 4 in Appendix H of the BBWA. I see the references to the tables in PLP's EBD and am wondering if you have a spreadsheet you could share. We can pull in the data from these EBD tables, but I'm less certain what you used for the volume of leachate recovered (some of the volumes were quite different than the starting volume of 2500 mL). I assume you used 5 kg for the sample mass. We are thinking of grouping according to rock type and need to check all inputs. Any tips are much appreciated.

Thanks,

Ann

Ann Maest, PhD

Managing Scientist

Stratus Consulting, Inc.

1881 9th Street, Suite 201

Boulder, CO 80302

303-381-8000 x268

From: Palmer Hough [mailto:Hough.Palmer@epamail.epa.gov]
Sent: Monday, August 27, 2012 2:17 PM
To: Robert R Seal
Cc: Ann Maest; Jeff Frithsen; Kate Schofield; Glenn Suter
Subject: Supporting Information from Appendix H

Bob:

I hope you are well. An outside group led by Ann Maest has been working on a hydrology model to evaluate water quantity and quality related issues associated with our mine scenario. Ann indicated that it would be helpful for her model efforts if she had access to some of the information that you relied on in Appendix H.

I've cc'ed Ann on this message so that she can reach out to you directly with her request.

Thanks in advance for assisting her.

-Palmer

Palmer Hough, Environmental Scientist
tel: 202.566.1374 | fax: 202.566.1375

Wetlands Division
U.S. EPA Headquarters (MC 4502T)
1200 Pennsylvania Avenue, NW
Washington, DC 20460
www.epa.gov/wetlands